

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-4, Plan 40
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2011
Version: Draft
Release Date: 3/24/2011

Insurance Plan Code	40 Tree Based Dollar Amount of Insurance			
Commodity Code	0207 Orange Trees	0210 Lime Trees	0213 Carambola Trees	0266 Coffee Trees
	0208 Grapefruit Trees	0211 All other Citrus Trees	0214 Mango Trees	0267 Papaya Trees
	0209 Lemon Trees	0212 Avocado Trees	0265 Banana Trees	

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
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Section 1: Guarantee Calculation

$\text{Premium Guarantee} = \frac{\text{Determined Tree Count} * \text{Coverage Level Percent} * \text{Price Election Amount}}{\text{Price Election Amount}}$	Premium Guarantee	Internal			Round to whole number	
	Determined Tree Count	P21	19	9999999999	None	
	Coverage Level Percent	P14	33	9.9999	None	
	Price Election Amount	ADM		9.9999	None	Edit with the Price ADM, "A00810".
$\text{Acre Stage Guarantee Amount} = \text{Premium Guarantee} * \text{Guaranteed Adjustment Factor}$	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to whole number	
	Guaranteed Adjustment Factor	P11	75	9.999	None	

Section 1: Loss Guarantee Calculation (all loss data reported at 'unit level')

No CTVE Loss data should be submitted unless a Base Policy Loss has been previously paid.

Florida Trees: $\text{Loss Guarantee Amount} = \frac{\text{Determined Tree Count} * \text{Acre Stage Guarantee Amount} * \text{Coverage Level Percent} * \text{Price Election Amount} * \text{Liability Adjustment Factor}}{\text{Liability Adjustment Factor}}$	Loss Guarantee Amount	P21	48	99999999.99	Round to whole number	
	Determined Tree Count	P21	19	9999999999	None	Tree count by growth stage.
	Coverage Level Percent	P14	34	9.9999	None	
	Price Election Amount	ADM		9999.9999	None	Price Election Amount for growth stage and endorsement if applicable. Edit with the Price ADM, "A00810".
	Liability Adjustment Factor	P21	39	9.999999	None	
Hawaii Tropical Trees: $\text{Loss Guarantee Amount} = \frac{\text{Determined Tree Count} * \text{Coverage Level Percent} * \text{Price Election Amount} * \text{Liability Adjustment Factor} * \text{Yield Conversion Factor}}{\text{Yield Conversion Factor}}$	Loss Guarantee Amount	P21	48	99999999.99	Round to whole number	
	Determined Tree Count	P21	19	9999999999	None	Tree count by growth stage.
	Coverage Level Percent	P14	34	9.9999	None	
	Price Election Amount	ADM		9999.9999	None	Price Election Amount for growth stage and endorsement if applicable. Edit with the Price ADM, "A00810".
	Liability Adjustment Factor	P21	39	9.999999	None	
	Yield Conversion Factor	P11	63	9.999	None	

Section 2: Indemnity Calculation

All Trees: $\text{Unit Deficiency Quantity} = \text{Loss Guarantee Amount} - \text{Production to Count Quantity}$	Unit Deficiency Quantity	P21	47	S99999999.99	Round to whole number	
	Production to Count Quantity	P21	34	99999999.99	None	Production to Count for Florida Fruit Trees must equal the value of the undamaged trees (this is on an accumulative basis (i.e. an accumulative adjusted percent of damage including URF) and must include all previous loss data).

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Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Florida Trees without OLO, with OLO, or with CTVE and OLO: Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent * Misreported Information Factor		Preliminary Indemnity Amount	P21	50	S999999999	Round to whole number	Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 5%, No Indemnity is Due. See CTV Endorsement for limitations fo Indemnity if CTVE is applicable.
		Insured Share Percent	P11	47	9.999	None	
		Misreported Information Factor	P21	46	9.999999	None	
Florida Trees for Non-ACC with CTVE: Preliminary Indemnity Amount = (Unit Deficiency Quantity * Insured Share Percent * Misreported Information Factor) – Any Previous CTVE Indemnity paid for the current crop year –		Preliminary Indemnity Amount	P21	50	S999999999	Round to whole number	See CTV Endorsement for limitations of Indemnity if CTVE is applicable.
		Insured Share Percent	P11	47	9.999	None	
		Misreported Information Factor	P21	46	9.999999	None	
		Any Previous CTVE Indemnity paid for the current crop year					
Hawaii Tropical Trees: Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent		Preliminary Indemnity Amount	P21	Internal	S999999999	Round to whole number	
		Insured Share Percent	P11	47	9.999	None	
All Trees: Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor * Stage Indemnity Percent		Indemnity Amount	P21	51	S999999999	Round to whole number	See CTV Endorsement for limitations of Indemnity if CTVE is applicable.
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
		Stage Indemnity Percent	Internal		9.99	None	When P11 Acreage, Insurance Option Code List contains "CV", "OX" or "OZ", then Stage Indemnity Percent must equal 0.50.